

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 02 Sep 2020 until 23:59 on Thursday 03 Sep 2020

Forecast Issued on Tuesday 01 Sep 2020 at 13:25

Confidence: High confidence in becoming drier and brighter for a time to end the working week, but lower for rain and shower detail into the weekend.

Headline for Wednesday 02 Sep 2020: Brightest first thing, becoming wet and windy with extensive low cloud later.

Mountain weather hazards on Wednesday 02 Sep 2020

Blizzards
Low Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
00%	00%	00%	10%	30%	60%	60%	30%

Forecast for Wednesday 02 Sep 2020

Weather: Fine but chilly during the early hours, with a little mist perhaps forming in more sheltered valleys. Brightest first thing, although cloud will thicken and lower onto the slopes with time. Spells of rain should follow during the afternoon and evening, with some heavier periods perhaps punctuated by a slight chance of hail and thunder.

Chance of cloud free mountain/hill tops above 600m: 60% but falling to near-nil by afternoon as blanket cloud develops down to around 300 metres on windward ground.

Visibility: Initially good, but falling to moderate with the onset of rain. Relatively humid air should limit distant features' visibility prior to rain.

Forecast for Wednesday 02 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/17 S	12/20 S	13/19 S	18/24 S	19/27 S	22/32 S	22/33 S	21/30 S	21/31 SW
300	2/11 SE	3/13 S	4/12 SE	11/21 S	13/25 S	12/26 S	14/28 S	10/23 S	11/25 SW
Valley	4/12 SE	3/14 SE	4/14 SE	10/21 S	11/23 S	10/25 S	11/27 S	10/25 S	8/23 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/8	10/7	10/7	12/9	11/8	11/8	12/8	13/10
300	10/10	9/8	10/9	13/11	15/12	14/11	13/11	14/12	15/13
Valley	12/12	11/11	12/12	15/13	16/14	15/13	15/13	15/14	16/15
Freezing Level*	2500m	2500m	2500m	3600m	3600m	3800m	3800m	3800m	3700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Strong winds may approach gale as visibility drops in rain later in the day. Navigation will become significantly more difficult and windchill will be more marked.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Tue 01 Sep 2020

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Thursday 03 Sep 2020

Weather: Some further spells of heavy rain likely overnight, but daybreak should reveal a damp, cloudy and windy start. Drier and brighter weather should soon arrive from the northwest however, with some warm sunny spells and perhaps the odd fleeting light shower then seeing out the day. Remaining breezy throughout.

Maximum wind: Southwesterly 45mph.

Chance of cloud free mountain/hill tops above 600m: Near-nil, increasing to 90% during the morning, with cloud soon rising clear of the slopes from initially being blanket down to 400 metres.

Visibility: Moderate improving to very good during the morning.

Temperature: **Valleys:** Plus 11 becoming plus 17 Celsius.
At 600m: Plus 10 Celsius.
Freezing level: Well above the summits.